Sony recommends Microsoft® Windows® XP Professional.

Specifications

Model	VGN-AR18GP
Platform	Intel® Centrino® Duo Mobile Technology • Intel® Core™ Duo Processor T2600 (2.16GHz)*1 • Intel® PRO/Wireless 3945ABG Network Connection • Intel® 945PM Express Chipset
Operating System	Microsoft® Windows® XP Professional with Service Pack 2 (English version) Multilanguage User Interface (pre-installed Traditional Chinese)
Processor System Bus	667MHz
Memory Bus	533MHz
Cache Memory	L1 Cache: 64KB L2 Cache: 2MB (on CPU)
Main Memory	1GB DDR2 SDRAM (Dual Channel Mode)*2 (upgradeable up to 2GB)*3 2 SO-DIMM slots (The pre-installed memory module uses two)
Hard Disk	160GB (80GB x 2, C: 30GB, D: 123GB, HDD Recovery Storage: 7GB*4) Serial ATA, 5400rpm (RAID support*5)
Optical Drive	Blu-ray Disc Drive (supporting BD-R, BD-RE, BD-ROM, DVD±R DL, DVD±RW, DVD-RAM)*6 Maximum reading speed: BD-RE, BD-R: 1x / BD-ROM: 1.6x / DVD-ROM, DVD+R, DVD-R: 8x / DVD+RW, DVD-RW, DVD+R DL, DVD-R DL: 6x / DVD-RAM: 5x / CD-R, CD-RW, CD-ROM: 24x Maximum writing speed: BD-RE, BD-R: 1x / DVD-RAM: 5x / DVD+RW, DVD-RW: 4x / DVD+R DL: 2.4x / DVD-R DL: 2x / DVD+R, DVD-R, CD-RW, CD-R: 8x
Graphics Accelerator	• Dual display compatible • 3D graphics acceleration compatible • NVIDIA® GeForce® Go 7600 GT (PCI Express x16 connection)
Video Memory	256MB (GDDR3 SDRAM)
Display	17.0" Wide (WUXGA: 1920 x 1200) TFT colour display (Clear Bright High Colour LCD: Dual Lamp, Wide View)
Interfaces	• USB 2.0 x 3*7 • i.LINK (IEEE 1394) S400 (4pin) • S-Video Out connector*8 • HDMI port*9 • Universal ExpressCard™ slot (ExpressCard™ /34, ExpressCard™/54 compatible) • Network (RJ-45) connector (100BASE-TX/10BASE-T) • Headphone jack (stereo mini) • Microphone jack (stereo mini) • Monitor connector (VGA, D-SUB 15 pin) • Modular (RJ-11) connector • Multi function bay docking station connector • SPDIF optical out • Memory Stick slot*10 (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, High-speed data transfer compatible) • SD card slot*11 (MMC card compatible)
Wireless LAN	• Integrated Wireless LAN IEEE 802.11a/802.11b/802.11g*12 • Intel® PRO/Wireless 3945ABG Network Connection • Data rate: maximum 11Mbps (802.11b)/54Mbps (802.11a/g)*13 • Frequency: 5GHz (802.11a), 2.4GHz (802.11b/g)
Bluetooth®	• Bluetooth® standard version 2.0+EDR*13 • Output: maximum +6dBm • Frequency: 2.4GHz
Modem	V.92 and V.90 Compliant
PC Card (PCMCIA) Slot	Type I/II x 1, CardBus Support
Camera	310,000 pixels effective / Image Device: 1/8", VGA CMOS / Lens: 2 elements in 2 groups, F4 (Fixed) / Focus distance: f=2.6mm / Built-in monaural microphone (front side)
Audio	• DSD compatible high quality sound chip: "Sound Reality"(Intel® High Definition Audio compatible) • 3D audio (Direct Sound 3D support) • Built-in stereo speakers
Keyboard / Input Device	• ca 19mm Key pitch / 2.5mm Key stroke • 86Keys • Intelligent Touchpad
Battery	VGP-BPS2C*14 Lithium-ion battery: up to 2 hours of use*15
Dimensions (W × H × D)	416 x 33.5-41.5 x 299.5mm
Weight	3.8kg (including the supplied battery)
Software Applications	• Adobe Reader 7 • Adobe Photoshop Elements 4.0 (Installer) • Adobe Premiere Elements 2.0 • Click to DVD 2.5 • DSD Direct 1.0 • DVgate Plus 2.2 • Image Converter 2 Plus • Norton Internet Security 2006 • Roxio DigitalMedia SE 7 • PictureGear Studio 2.0 • SonicStage 3.4 • SonicStage Mastering Studio 2.2 • SonicStage Mastering Studio Audio Filter 2.0 • Ulead BD DiscRecorder for VAIO • VAIO Camera Utility 1.0 • VAIO Camera VJ Screen Saver • VAIO Control Center 1.1 • VAIO Edit Components 6.0 • VAIO Media 5.0 • VAIO Original Screen Saver • VAIO Recovery Utility 2.6 • VAIO Update 2.1 • VAIO Zone 1.4 • WinDVD 5 for VAIO • WinDVD BD for VAIO
Supplied Accessories	• AC adapter (VGP-AC19V16)*16 • Lithium-ion battery (VGP-BPS2C)
Warranty	One year*17

Features and specifications are subject to change without notice.

*1 CPU speed will be reduced under certain operating conditions. *2 Since memory modules of the same capacity are installed to both of the two memory module slots, this computer will run in dual channel mode and provide better performance. *3 By removing the pre-installed 512MB memory modules and adding two 1GB memory modules. *4 Necessary data for recovery (setting back to initial shipment settings) in the hard disk drive consuming approximately 7GB in size available separately. *5 Set to RAID 0 (Striping) at initial shipment settings. It will be displayed as 160GB x 1 on the Windows operating system. *6 This product does not support BDRE 1.0 discs and Blu-ray cartridge discs. This product is also designed to playback discs that conform to the Compact Disc Digital Audio standard specifications (CD Standard). A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. Please be aware that the audio side (non-DVD side) of a DualDisc may not play on this product because it does not conform to the CD Standard. *7 High-speed/Full-speed/Low speed compatible. *8 Does not support playback copyright protected contents recorded on Blu-ray disc. *9 Based on High-Definition Multimedia Interface Specification Version 1.2a. *10 Compatibility confirmed with Sony branded "Memory Stick" media only. *11 Does not support SD card's copyright technology. *12 The maximum communication distance can vary depending on the obstacles or the distance between the communication devices, the radio waves, the operating system or the software being used. *13 The communication speed varies depending on the distance between communication devices, existence of obstacles between such devices, the device configuration, the radio conditions, and the software in use. In addition, communication may be cut off depending on the radio conditions. *14 This product may only function with a genuine Sony battery designed for this model. *15 Estimated battery life (under JEITA Battery Run Time Measurement Method (ver.1.0).) Actual battery life may vary with different operating conditions and settings. For further details, please visit vaio-online.sony.com *16 AC adapter should be connected while the CPU is under a heavy workload, such as Blu-ray disc playback, or playback may not be displayed properly because of the power saving feature. *17 Warranty conditions may vary by region.

<<Important notice when playing back Blu-ray discs>>
[Supporting Disc] • Supports writing data to BD-R 1.1 discs (single-layer discs with the capacity of 25GB, dual-layer discs with the capacity of 50GB) and BD-RE 2.1 discs (single-layer discs with the capacity of 25GB, dual-layer discs with the capacity of 50GB). The Blue-ray drive on your computer does not support BDRE 1.0 discs and Blu-ray cartridge discs. [Blu-ray Disc Playback] • As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray disc playback VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates. • Requires compatible high-definition display for high definition playback. Playback of AACS protected media may require an HDCP compliant output and HDCP compliant display. • You may need to connect to the Internet when playing copyright protected Blu-ray discs • Region settings are required for Movies and BD-ROM contents. If the region setting and the region of the disc do not match, playback is not possible [Blu-ray Disc Recording / Burning] • Video recording to Blu-ray Disc media is done in MPEG2 format only.

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Designed for Windows® XP
Windows Vista™ Capable

Windows Vista™ Capable PC

Buying a new PC that is Windows Vista™ Capable enables you to upgrade to the next version of Microsoft® Windows® and the future of computing.

For more information, please access:
http://www.css.ap.sony.com/VAIO/VistaCapable

This product is Windows Vista™ Capable PC.

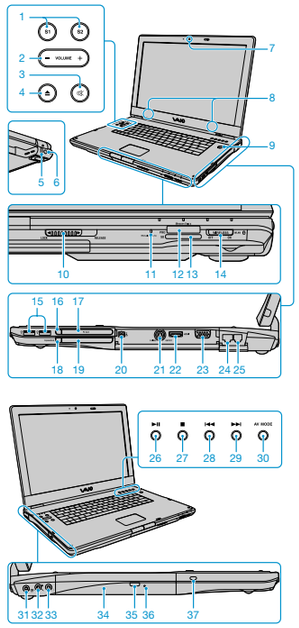
Optional Accessory for VGN-AR18GP
(availability depends on region)

VGP-PRFE1 Multi Function Bay Docking Station

- Monitor connector (VGA)
- Monitor connector (DVI-D)*
- S-Video Out connector
- Network connector
- USB 2.0 connector (x4)

** The VGP-PRFE1 DVI output of does not support content that requires HDCP.*

VGN-AR18GP



1. Shortcut buttons
2. Volume buttons
3. Muting button
4. Disc eject button
5. USB 2.0 connector
6. DC-IN connector
7. Built-in camera MOTION EYE
8. Built-in stereo speakers
9. Power button
10. LCD lock
11. Built-in monaural microphone
12. Memory Stick slot (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, high-speed data transfer compatible)
13. SD card slot (MMC card compatible)
14. Wireless LAN switch
15. USB 2.0 connector(x2)
16. PC Card eject button
17. PC Card slot (Type I/II x1)
18. ExpressCard, PC Card eject button
19. Universal ExpressCard™ slot (ExpressCard™/34, ExpressCard™/54 compatible)
20. i.LINK (IEEE 1394) S400 (4 pin) connector
21. S-Video Out connector
22. HDMI port
23. Monitor connector (VGA, D-SUB 15 pin)
24. Network (RJ-45) connector
25. Modular (RJ-11) connector
26. Play/Pause button
27. Stop button
28. Previous track button
29. Next track button
30. AV MODE button
31. SPDIF Optical Out
32. Microphone jack (stereo mini)
33. Headphone jack (stereo mini)
34. Blu-ray Disc Drive
35. Disc eject button
36. Manual eject button
37. Security slot

VAIO
no more bounds

intel Centrino® Duo

Intel® Centrino® Duo Mobile Technology

Leading the way in Blu-ray Disc Drive equipped PCs.

VAIO AR
VGN-AR18GP

Full HD 1080

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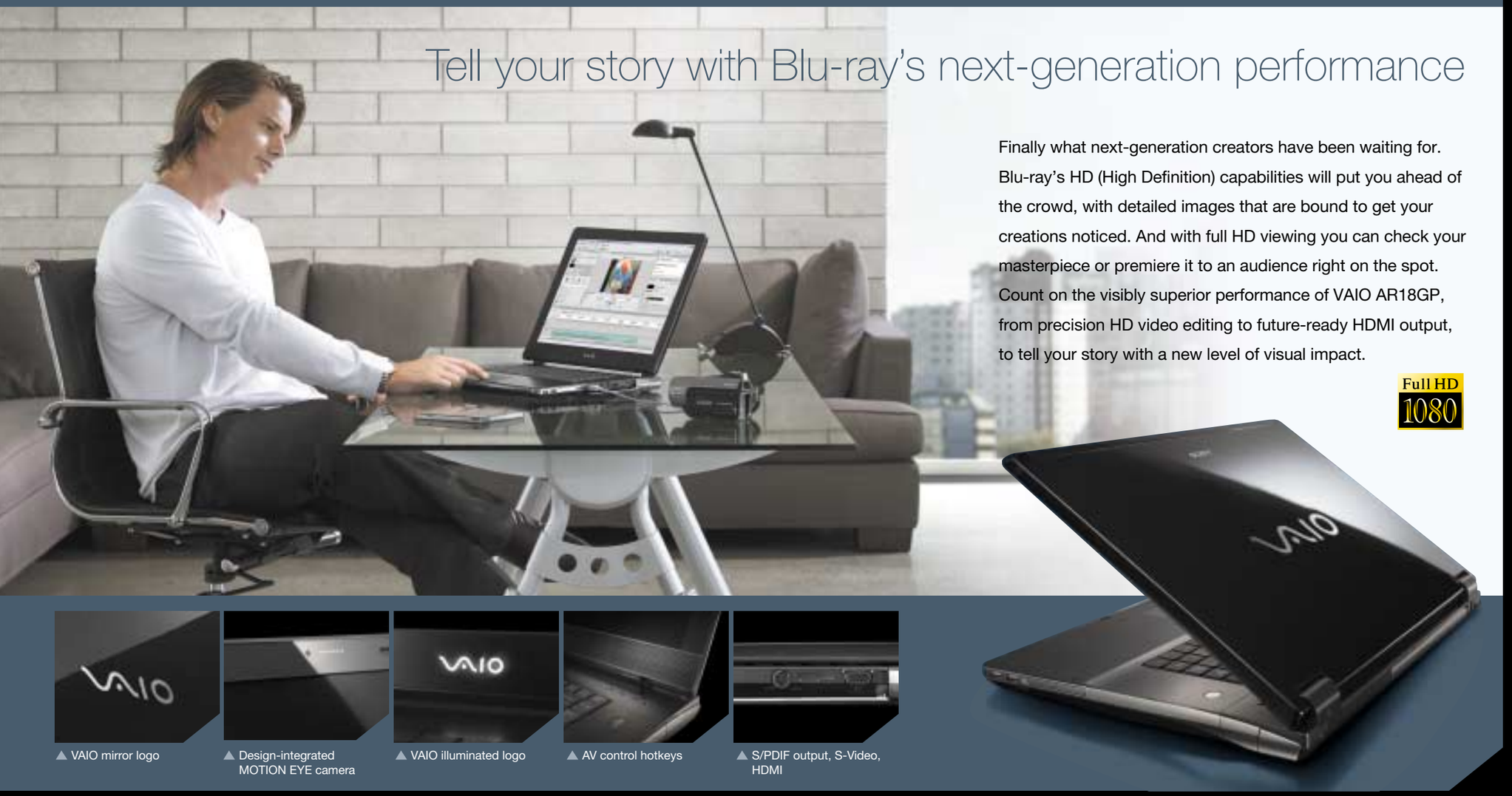
VGN-AR18GP

Sony recommends Microsoft® Windows® XP Professional.



Tell your story with Blu-ray's next-generation performance

Finally what next-generation creators have been waiting for. Blu-ray's HD (High Definition) capabilities will put you ahead of the crowd, with detailed images that are bound to get your creations noticed. And with full HD viewing you can check your masterpiece or premiere it to an audience right on the spot. Count on the visibly superior performance of VAIO AR18GP, from precision HD video editing to future-ready HDMI output, to tell your story with a new level of visual impact.

Full HD 1080

▲ VAIO mirror logo

▲ Design-integrated MOTION EYE camera

▲ VAIO illuminated logo

▲ AV control hotkeys

▲ S/PDIF output, S-Video, HDMI

Blu-ray Disc & Full HD

VAIO AR18GP ushers in a new age for notebook PCs with a built-in Blu-ray Disc Drive that allows you to unleash your creativity in the form of HD (High Definition) content. It comes with all the software you need to edit and burn HD content onto Blu-ray disc so you can get started right away. And its 17" wide Clear Bright High Colour LCD gives you a detailed picture that does justice to HD images, with 72% colour reproduction for incredible realism.

Sleek & Stately Style

With a minimum thickness of 33.5 mm, every surface and every curvature of its sleek body has meaning; to make VAIO ergonomically stylish, stress-free to work with, and a pleasure to look at. The light and sturdy magnesium alloy used in the chassis is the same type that is used in aerospace by virtue of its durability and resistance to electromagnetic interference, and the exterior's Premium Black finish radiates a lustre like a fine car or a grand piano.

High-Octane AV Entertainment

In addition to the visual power of HD images, VAIO AR18GP gives you a total audiovisual experience. Sony's Sound Reality audio chip delivers noise reduction akin to high performance audio products (S/N ratio: 107dB), and the built-in bass-reflex type Rich Sound Speakers are pointed forward instead of upward to deliver great sound directly to the listener. Dolby® Digital Live support allows integration into 5.1 surround systems.

+ Main features

HD content recording: Blu-ray Disc Drive	HD viewing: 17" Wide Clear Bright High Colour LCD	Fast HDD access: RAID Technology	Visual communication: Built-in Camera MOTION EYE	Network freedom: Wireless LAN 802.11a/b/g / Bluetooth®	Superior material: Magnesium alloy body	Handy presentation: Plug & Display
Comfortable typing: Full-pitched Keyboard	Content sharing: Memory Stick Slot (Standard/Duo/Pro/MagicGate compatible)	Excellent sound: Rich Sound Speakers, Dolby® Digital Live	AV output flexibility: S/PDIF, S-Video, HDMI	Customisable: User-assignable S keys	Optional accessory: Multi Function Bay Docking Station	

+ Basic specifications

Intel® Core™ Duo Processor T2600 (2.16GHz)	Microsoft® Windows® XP Professional	17" WUXGA 1920 x 1200 LCD	NVIDIA® GeForce® Go 7600 GT graphics card (256MB)	Blu-ray Disc Drive (supporting BD-R/RE/ROM, DVD±/RW/RAM/R DL)	1GB (DDR2) Main Memory	160GB Hard Disk Drive (Serial ATA, 5400rpm, RAID Support)

Sony's recommended headphones* for VAIO

Inner, Open-air MDR-E931LP	**Overhead, Open-air** MDR-Q22LP
Inner, Closed MDR-EX51LP	**Overhead, Closed** MDR-V700DJ

VAIO provides an audio filter adjusted exclusively for the recommended headphones. Created at a professional music studio, this filter ensures superlative quality sound reproduction.
*Availability depends on region

Powerful software for creative minds.

BD/DVD CREATION

Burn your HD content to Blu-ray disc with Ulead BD DiscRecorder. Standard Definition content can easily be burned to DVD using Click to DVD. This application supports DVD±R/RW or ±R DL disc. Moreover, Roxio DigitalMedia SE lets you back up audio, image, and data files on BDs, DVDs or CDs.

Ulead BD DiscRecorder

Click to DVD

Roxio DigitalMedia SE

CONTENT BROWSER

WinDVD BD for VAIO allows easy viewing of Blu-Ray discs. VAIO Zone lets you seamlessly enjoy DVDs, CDs, music, photos, videos and other AV files through a single interface. And VAIO Media software enables AV files on your VAIO to be accessed and played by other VAIO Media-installed VAIO notebooks and PCs on your home network.

VAIO Zone

WinDVD BD for VAIO

MOVIES

Import videos from a Handycam*, trim and edit them, or export them to a Handycam* with DVgate Plus. Use Adobe® Premiere® Elements with VAIO Edit Components to add transitions and effects like sparkles.

DVgate Plus

Adobe® Premiere® Elements

PHOTOS

Import images from your digital camera via USB cable or Memory Stick, then edit the files with Adobe Photoshop® Elements®. Use PictureGear Studio to place them in chronological order with Calendar View, create a slideshow, or create a photo album and print it or attach it to email.

Adobe® Photoshop® Elements

PictureGear Studio

MUSIC

Import music from the Net or CDs with SonicStage. Then transfer it to a Network Walkman* or burn your own original CDs. SonicStage Mastering Studio lets you import analogue music (Roland EDIROL AUDIO capture UA-25* or UA-101* USB audio interface device required) and edit it with high-quality effector modules before recording on a CD. SonicStage Mastering Studio Audio Filter can enhance any sound played on VAIO and provides excellent headphone presets.

SonicStage

SonicStage Mastering Studio

SonicStage Mastering Studio Audio Filter

* Availability depends on region.

Note: Any copying or reproduction of copyrighted material may amount to copyright infringement. Song titles, names of artists and other information shown in the SonicStage screen capture are provided for illustrative purposes only.

intel Centrino® Duo